



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Waller Flowerseed Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.)

DAHLIA

'Redskin'



In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 19th day of November in the year of our Lord one thousand nine hundred and eighty-one.

Attest:

*Samuel L. Lane*  
Commissioner  
Plant Variety Protection Office  
Grain Division  
Agricultural Marketing Service

*John R. Block*  
Secretary of Agriculture

## APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION <u>Willow</u>	2. KIND NAME <u>Willow</u>	FOR OFFICIAL USE ONLY PVPO NUMBER <u>72036</u>	
3. GENUS AND SPECIES NAME <u>Willow Flowerseed</u>	4. FAMILY NAME (Botanical) <u>Compositae</u>	FILING DATE <u>10/4/71</u>	TIME <u>1:30</u> <input checked="" type="radio"/> P.M.
	5. DATE OF DETERMINATION <u>Sept 25 71</u>	FEE RECEIVED <u>\$ 50.00</u>	CHARGES <u>\$250.00</u> 9/14/81
6. NAME OF APPLICANT(S) <u>Willow Flowerseed Co.</u>	7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) <u>Willow, California 94384</u> <u>P.O. Box 935</u>		8. TELEPHONE AREA CODE AND NUMBER <u>415-805-7372</u>
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) <u>Corporation</u>	10. STATE OF INCORPORATION <u>California</u>	11. DATE OF INCORPORATION <u>5-2-67</u>	

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

John Miller  
Willow Flowerseed Co.  
P.O. Box 935  
Willow, California 94384

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 12A. Exhibit A, Origin and Breeding History of the Variety (See Section 52, P.L. 91-577)
- ☒ 12B. Exhibit B, Botanical Description of the Variety
- ☐ 12C. Exhibit C, Objective Description of the Variety
- ☒ 12D. Exhibit D, Data Indicative of Novelty
- ☒ 12E. Exhibit E, Statement of the Basis of Applicant's Ownership

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable. (See Section 52, P.L. 91-577).

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a), P.L. 91-577) (If "Yes," answer 14B and 14C below.) ☐ YES ☒ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☐ YES ☒ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed?

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act (P.L. 91-577).

Sept. 27, 1971

(DATE)

(DATE)

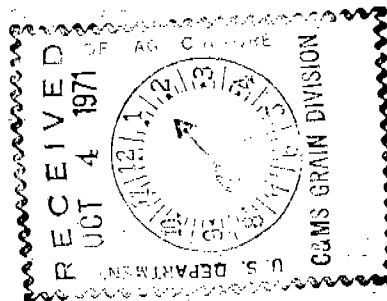
(SIGNATURE OF APPLICANT)

John Miller, President  
Willow Flowerseed Co.

(SIGNATURE OF APPLICANT)

Attachment 1-1

## INSTRUCTIONS



**GENERAL:** Send an original copy of the application, exhibits and \$50.00 fee to U.S. Dept. of Agriculture, Consumer and Marketing Service, Grain Division, Hyattsville, Maryland 20782. Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

## ITEM

- 5 Insert the date the applicant determined that he had a new variety.
- 12a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.
- 12b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.
- 12c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.
- 12d Provide complete data indicative of novelty. Seed and plant specimens may be submitted and seeds submitted may be sterile. Where possible, include photographs of plant comparisons, chemical tests, etc.
- 12e Indicate whether applicant is the actual breeder, the employer of the breeder, the owner through purchase or inheritance, etc.

EXHIBIT A

12A

- (1) Original cross Marly Bird and Full Festival.
- (2) F<sub>1</sub> 15 inches tall, light leaved, semi-double.  
F<sub>2</sub> emergence of dark leaved factor coupled with semi-double flowers and dwarf habit. Subsequent Belial generations were selected with the envisioned characteristics of dwarfness, dark leaves, semi full double flowers.
- (3) An occasional cross-over produces under 1/10 of 1% light leaved plants. There is a range in the degree of doubleness.
- (4) Continuous family line type selection work since results of original crosses over the entire 16 years work on this idea has reduced variance to that degree mentioned above, question 3.

EXHIBIT B

12B

- (1) Seedlings and young plants under greenhouse conditions have green leaves which turn dark when exposed to full sun.
- (2) Plants are approximately 15 inches tall and very similar in all characteristics to the strain known as Marly Bird, a light leaved strain.
- (3) The essential difference is the dark bronzed leaved foliage.

EXHIBIT C

12C

The two photographs show the contrast and foliage coloration between the standard variety Marly Bird and Redskin. Seed is identical to other Belials so did not include a sample but would supply on request.

EXHIBIT D

12D

Developed by the plant breeding staff of the Waller Flowerseed Company (owner).

FORM GR-470-24  
(5-15-73)

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
GRAIN DIVISION  
HYATTSVILLE, MARYLAND 20782

EXHIBIT C  
(Dahlia)

OBJECTIVE DESCRIPTION OF VARIETY  
DAHLIA (DAHLIA SPP.)

NAME OF APPLICANT(S) Waller Flowerseed Co.	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P. O. Box 935, Guadalupe, Calif. 93434	PVPO NUMBER 72036 VARIETY NAME OR TEMPORARY DESIGNATION Redskin

Place the appropriate number that describes the varietal character of this variety in the boxes below.  
Place a zero in first box (e.g.  or ) when number is either 99 or less or 9 or less.

1. PLANT:

<input type="text" value="4"/> <input type="text" value="0"/> CM. HIGH	<input type="text" value="3"/> <input type="text" value="5"/> CM. WIDE	<input type="text" value="1"/> 1 = COMPACT 2 = SPREADING
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2. MAIN STEM (At First Flower Cutting):

<input type="text" value="1"/> 1 = STRAIGHT 2 = FLEXUOUS/CROOKED	<input type="text" value="1"/> Surface: 1 = NOT GLAUCOUS 2 = GLAUCOUS	<input type="text" value="1"/> Surface: 1 = GLABROUS 2 = PILOSE
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NO. OF FLOWERS PER PRIMARY BRANCH (without disbudding)

CM. BETWEEN PRIMARY BRANCHES

MM. DIAMETER AT MID-POINT OF FIRST INTERNODE ABOVE GROUND

Flower to stem axis angle: 1 =  $< 30^\circ$  2 =  $30^\circ - 60^\circ$  3 =  $60^\circ - 90^\circ$

3. LEAF:

<input type="text" value="2"/> Type: 1 = SIMPLE 2 = PINNATE 3 = BIPINNATE	<input type="text" value="3"/> NO. OF PINNAE PER LEAF
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<input type="text" value="2"/> Shape: 1 = LANCEOLATE 2 = OVATE 3 = ELLIPTIC	<input type="text" value="1"/> Margin: 1 = ENTIRE 2 = DENTICULATE 3 = DENTATE 4 = LACINIATE
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<input type="text" value="2"/> Texture: 1 = SOFT 2 = LEATHERY	<input type="text" value="1"/> Surface: 1 = NOT GLAUCOUS 2 = GLAUCOUS	<input type="text" value="1"/> Surface: 1 = GLABROUS 2 = PILOSE
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Color: 1 = GREEN 2 = DARK GREEN 3 = BRONZE (Pigmented) 4 = OTHER (Specify) \_\_\_\_\_

<input type="text" value="1"/> Rachis: 1 = NOT WINGED 2 = WINGED	<input type="text" value="1"/> Rachis: 1 = ROUND 2 = INVOLUTE
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4. FLOWER:

<input type="text" value="1"/> <input type="text" value="1"/> CM. PETIOLE LENGTH BETWEEN LAST LEAVES AND FLOWER HEAD	1 = SINGLE 2 = ANEMONE 3 = COLLARETTE 4 = PEONY
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<input type="text" value="2"/> Type: 5 = FORMAL DECORATIVE 6 = INFORMAL DECORATIVE 7 = BALL 8 = POMPON 9 = INCURVED CACTUS 10 = STRAIGHT CACTUS 11 = SEMICACTUS 12 = ORCHID	
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<input type="text" value="1"/> Size: 1 = TO 50 MM. 2 = 51 - 90 MM. 3 = 91 - 100 MM. 4 = 101 - 150 MM. 5 = 151 - 200 MM. 6 = OVER 200 MM.	
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<input type="text" value="1"/> Ray Tips: 1 = POINTED 2 = NOTCHED 3 = FIMBRIATE	
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## 4. FLOWER (Continued):

☐ ☐ Ray Color: Select from colors below. Consider only the predominant colors on the face of the rays except for those pompon or ball inflorescences in which the reverse of the involute rays dominate. (See References below.)

☐ ☐ MONOCOLOR Select from colors below.

## Pattern:

☐ ☐ GROUND COLOR ☐ ☐ DOT ☐ ☐ FLECK ☐ ☐ SPLASH

☐ ☐ NARROW LINE ☐ ☐ PICOTEE ☐ ☐ OTHER (Specify) 01-02-03-04-05-06-07  
08-09-13

## Disc Flower:

☐ 1 = ABSENT 2 = PRESENT

☐ ☐ PRIMARY COLOR ☐ ☐ SECONDARY COLOR

01 = WHITE

02 = YELLOW

03 = ORANGE

04 = PINK

05 = DARK PINK

06 = RED

07 = DARK RED

08 = LAVENDER

09 = PURPLE

10 = BRONZE

11 = FLAME

12 = LIGHT BLEND

13 = DARK BLEND

14 = OTHER (Specify)

## 5. DISEASE RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

☐ MOSAIC ☐ RINGSPOT ☐ OTHER (Specify) No disease of note or observed

## 6. INSECT RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

☒ 2 APHID ☒ 2 THRIP ☐ - BORER ☐ OTHER (Specify) \_\_\_\_\_

## 7. INDICATE A VARIETY THAT MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	VARIETY	CHARACTER	VARIETY
Plant size	Dahlia Early Bird	Flower size	Dahlia Early Bird
Plant habit	Dahlia Early Bird	Flower shape	Dahlia Early Bird
Leaf shape	Dahlia Early Bird	Flower color	Dahlia Early Bird*

## REFERENCES

RAY COLOR: Described in the 1971 Classification of Dahlias compiled and published by the Joint Classification Committee sponsored jointly by the American Dahlia Society, Inc. and the Central States Dahlia Society, Inc.

American Dahlia Society. Current Series. Classification of Dahlias.

Barnes, A.T., 1966. The Dahlia Grower's Treasury. Collingridge, London.

Cook, W. H., 1953. Judging Dahlias in Shows. Amer. Dahlia Society

U.S.D.A. Home and Garden Bul. 131, 1970. Growing Dahlias.

COMMENTS: \*Redskin color range is different due to colors being genetically linked to bronze foliage color. Parents were Dahlia Early Bird for plant height 15", habit, bloom characteristics x Dahlia Zulu, Dahlia Fall Festival 36" high for color of bloom and bronze foliage.

